

METHOD OF PREPARING A PROTEIN ARRAY BASED ON
BIOCHEMICAL PROTEIN-PROTEIN INTERACTION

ABSTRACT OF THE DISCLOSURE

5 A method of preparing a protein array based on biochemical protein-protein interaction is provided. An array of a first protein which comprises a PDZ domain is deposited on a substrate. A second protein, which comprises an amino acid sequence (S/T)-X-(V/I/L)-COOH (each hyphen represents
10 a peptide bond, each parenthesis encloses amino acids which are alternatives to one other, each slash within such parentheses separates the alternative amino acids, and the X represents any amino acid which is selected from the group comprising the twenty naturally occurring amino acids), is applied to the first protein array. The amino acid sequence (S/T)-X-(V/I/L)-COOH of the second protein is bound to the PDZ domain of the first protein.
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